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STATEMENT LINDER 37 CER 3 73(b)

Applicant/Patent Owner: IKANOS COMMUNICATIONS, INC.		
Application No./Patent No.: 10/786,669 Filed/Issue Date: February 25, 2004		
Entitled: SYSTEM AND METHOD FOR IMPLEMENTING A DELTA-SIGMA MODULATOR INTEGRITY SUPERVISOR		
IKANOS COMMUNICATIONS, INC. , a CORPORATE		
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)		
states that it is:		
1. the assignee of the entire right, title, and interest in;		
an assignee of less than the entire right, title and interest in (The extent (by percentage) of its ownership interest is%); or		
3. the assignee of an undivided interest in the entirety of (a complete assignment from or	ne of the joint inventors was made)	
in the patent application/patent identified above by virtue of either:		
A. An assignment from the inventor(s) of the patent application/patent identified above. T in the United States Patent and Trademark Office at Reel, Frame, or for attached.	he assignment was recorded or which a copy thereof is	
B. A chain of title from the inventor(s), of the patent application/patent identified above, to EICHRODT, CHRISTIAN; LARSEN, 1. From: FRODE; MURALT, ARNOLD To: GLOBESPAN, INC.	the current assignee as follows:	
The document was recorded in the United States Patent and Trademark O	ffice at	
Reel 015025, Frame 0920, or for which a copy thereof is attached.		
2. From: GLOBESPAN, INC. To: GLOBESPANVIRATA, IN	C.	
The document was recorded in the United States Patent and Trademark O	ffice at	
Reel 018479, Frame 0108, or for which a copy thereof is attached.		
3. From: GLOBESPANVIRATA, INC. To: BROOKTREE BROADBA	IND HOLDING, INC.	
The document was recorded in the United States Patent and Trademark O	ffice at	
Reel 018826, Frame 0939, or for which a copy thereof is attached.		
Additional documents in the chain of title are listed on a supplemental sheet(s).		
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.		
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]		
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.		
/E. Rico Hernandez/	February 29, 2012	
Signature Date		
E. Rico Hernandez	Attorney for Applicant	
Printed or Typed Name	Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to detain or retain a benefit by the public which is to file (and by the USPTO) process) an application. Confidentiality is governed by 38 U.S. C. 122 and 37 CFR 1.11 and 1.1. This collection is estimated to fair to its importance to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of the you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Post 1450, Alexandria, V.A. 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450.

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Name of a	Assignee: IKANOS COMMUNICATIONS, INC.
	SUPPLEMENTAL SHEET TO STATEMENT UNDER 37 CFR 3.73 (b) Additional Documents in the Chain of Title
	wing is a continuation of the chain of title from the inventor(s), of the patent application identified above, rent assignee as shown below:

to the current assignee as snown below:

From: GLOBESPANVIRATA, INC. To: CONEXANT, INC.

The document was recorded in the United States Patent and Trademark Office at

Reel 018471, Frame 0286, or for which a copy thereof is attached.

CONEXANT SYSTEMS, INC.; CONEXANT, INC.; BROOKTREE

5. From: BROADBAND HOLDING INC. To: IKANOS COMMUNICATIONS, INC.

The document was recorded in the United States Patent and Trademark Office at Reel <u>023163</u>, Frame <u>0723</u>, or for which a copy thereof is attached.